

## EAST Search History

Ref #	Hits	Search Query	DBS	Default Operator	Plurals	Time Stamp
L1	3	((speech or voice) near3 recogni\$) and (train\$3 near5 (phonebook or (phone near book))) and @ad<"20011113"	USPAT	OR	OFF	2006/03/14 11:10
L2	0	((speech or voice) near3 recogni\$) and (train\$3 near5 (phonebook or (phone near book))) and @ad<"20011113" and snr	USPAT	OR	OFF	2006/03/14 11:11
L3	1	((speech or voice) near3 recogni\$) and (train\$3 near5 dial\$3) and @ad<"20011113" and snr	USPAT	OR	OFF	2006/03/14 11:11
L4	11	((speech or voice) near3 recogni\$) and (train\$3 same dial\$3) and @ad<"20011113" and snr	USPAT	OR	OFF	2006/03/14 11:11
L5	3	((speech or voice) near3 recogni\$) and (train\$3 same dial\$3) and @ad<"20011113" and (snr near3 threshold)	USPAT	OR	OFF	2006/03/14 11:13
L6	3	((speech or voice) near3 recogni\$) and (train\$3 and dial\$3) and @ad<"20011113" and (snr near3 threshold)	USPAT	OR	OFF	2006/03/14 11:13
L7	8	((speech or voice) near3 recogni\$) and (train\$3 and dial\$3) and @ad<"20011113" and (snr same threshold)	USPAT	OR	OFF	2006/03/14 11:17
L8	18	((speech or voice) near3 recogni\$) and (train\$3 and dial\$3) and @ad<"20011113" and ((snr or (signal-to-noise or (signal adj2 noise))) same threshold)	USPAT	OR	OFF	2006/03/14 11:18
L9	1	((speech or voice) near3 recogni\$) and (train\$3 and dial\$3) and @ad<"20011113" and ((snr or (signal-to-noise or (signal adj2 noise))) same threshold) and (telligib\$ or intelligib\$)	USPAT	OR	OFF	2006/03/14 11:19
L10	99	((speech or voice) near3 recogni\$) and (train\$3 and dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$)	USPAT	OR	OFF	2006/03/14 11:19
L11	21	((speech or voice) near3 recogni\$) and (train\$3 and dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$) and ((snr or (signal-to-noise or (signal adj2 noise))))	USPAT	OR	OFF	2006/03/14 11:21

## EAST Search History

L12	17	((speech or voice) near3 recogni\$) and (train\$3 same dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$)	USPAT	OR	OFF	2006/03/14 11:23
L13	94	((speech or voice) near3 recogni\$) and ((voice or speech or speed) near5 dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$)	USPAT	OR	OFF	2006/03/14 11:27
L14	3	((speech or voice) near3 recogni\$) and ((voice or speech or speed) near5 dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$) and snr	USPAT	OR	OFF	2006/03/14 11:24
L15	0	((speech or voice) near3 recogni\$) and ((voice or speech or speed) near5 dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$) and phonebook	USPAT	OR	OFF	2006/03/14 11:27
L16	78	((speech or voice) near3 recogni\$) and ((voice or speech or speed) near5 dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$) and name\$1	USPAT	OR	OFF	2006/03/14 11:27
L17	77	((speech or voice) near3 recogni\$) and ((voice or speech or speed) near3 dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$) and name\$1	USPAT	OR	OFF	2006/03/14 11:27
L18	27	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and ((voice or speech or speed) near3 dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$) and name\$1	USPAT	OR	OFF	2006/03/14 11:32
L19	14	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and ((voice or speech or speed) near3 dial\$3) and @ad<"20011113" and (telligib\$ or intelligib\$) and name\$1 and train\$	USPAT	OR	OFF	2006/03/14 11:27
L20	21	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and ((voice or speech or speed) near3 dial\$3) and @ad<"20011113" and snr	USPAT	OR	OFF	2006/03/14 11:32
L21	19	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and ((voice or speech or speed) near3 dial\$3) and @ad<"20011113" and snr and train\$3	USPAT	OR	OFF	2006/03/14 11:35
L22	17	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and @ad<"20011113" and snr and intelligib\$	USPAT	OR	OFF	2006/03/14 11:35
L23	76	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj2 noise)) and intelligib\$	USPAT	OR	OFF	2006/03/14 11:36

## EAST Search History

L24	41	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and intelligib\$	USPAT	OR	OFF	2006/03/14 11:37
L25	1	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and @ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and intelligib\$	USPAT	OR	OFF	2006/03/14 11:36
L26	31	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and intelligib\$ and (repeat\$ or again or prompt\$)	USPAT	OR	OFF	2006/03/14 11:38
L27	31	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and intelligib\$ and (repeat\$ or again)	USPAT	OR	OFF	2006/03/14 11:41
L28	2	"704"/\$.ccls. and ((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and ((measur\$ or determin\$) near4 intelligib\$)	USPAT	OR	OFF	2006/03/14 11:44
L29	5	((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and ((measur\$ or determin\$) near4 intelligib\$)	USPAT	OR	OFF	2006/03/14 11:44
L30	5	((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and ((measur\$ or estimat\$ or determin\$) near4 intelligib\$)	USPAT	OR	OFF	2006/03/14 11:45
L31	5	((speech or voice) near3 recogni\$) and @ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and ((measur\$ or estimat\$ or calculat\$ or comput\$ or determin\$) near4 intelligib\$)	USPAT	OR	OFF	2006/03/14 11:45
L32	21	@ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and ((measur\$ or estimat\$ or calculat\$ or comput\$ or determin\$) near4 intelligib\$)	USPAT	OR	OFF	2006/03/14 11:46
L33	12	@ad<"20011113" and (snr or signal-to-noise or (signal adj to adj2 noise)) and ((measur\$ or estimat\$ or calculat\$ or comput\$ or determin\$) near4 intelligib\$) and threshold	USPAT	OR	OFF	2006/03/14 11:47

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	583	@ad<"20011113" and (unintelligib\$ or intelligib\$) and (snr or signal-to-noise or (signal adj to adj2 noise))	USPAT	OR	OFF	2006/03/14 13:58
L2	24	@ad<"20011113" and ((determin\$ or detect\$ or calculat\$ or estimat\$) near5 (unintelligib\$ or intelligib\$)) and (snr or signal-to-noise or (signal adj to adj2 noise))	USPAT	OR	OFF	2006/03/14 14:07
L3	405	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold)	USPAT	OR	OFF	2006/03/14 14:08
L4	209	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again) or repeat\$3)	USPAT	OR	OFF	2006/03/14 14:47
L5	6	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again) or repeat\$3) and intelligib\$	USPAT	OR	OFF	2006/03/14 14:09
L6	16	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again) or repeat\$3) and threshold and "704"/\$.ccls.	USPAT	OR	OFF	2006/03/14 14:12
L7	16	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again) or repeat\$3) and threshold and "704"/\$.ccls.	USPAT	OR	OFF	2006/03/14 14:19
L8	9	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again) or repeat\$3) and threshold and "704"/\$.ccls. and distort\$	USPAT	OR	OFF	2006/03/14 14:21
L9	123	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise))) and ((speak\$3 near again) or repeat\$3) and threshold and "704"/\$.ccls. and (distort\$ or intelligib\$)	USPAT	OR	OFF	2006/03/14 14:21
L10	26	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise))) and ((speak\$3 near again) or repeat\$3) and threshold and "704"/\$.ccls. and (intelligib\$)	USPAT	OR	OFF	2006/03/14 14:24
L11	4	"5684921"	USPAT	OR	OFF	2006/03/14 14:24

## EAST Search History

L12	4	("4016540"   "5341457"   "5490204"   "5553193").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 14:25
L13	3	("5684921").URPN.	USPAT	OR	OFF	2006/03/14 14:25
L14	82	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again) or repeat\$3) and distort\$	USPAT	OR	OFF	2006/03/14 14:49
L15	0	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again) or repeat\$3) and distort\$ and (message near3 record\$)	USPAT	OR	OFF	2006/03/14 14:48
L16	0	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and ((speak\$3 near again)) and distort\$	USPAT	OR	OFF	2006/03/14 14:49
L17	13	@ad<"20011113" and ((snr or signal-to-noise or (signal adj to adj2 noise)) near2 threshold) and (prompt\$) and distort\$	USPAT	OR	OFF	2006/03/14 14:50
L18	4656	@ad<"20011113" and intelligib\$	USPAT	OR	OFF	2006/03/14 14:50
L19	298	@ad<"20011113" and ((measur\$ or calculat\$ or comput\$ or determin\$ or estimat\$) near5 intelligib\$)	USPAT	OR	OFF	2006/03/14 14:51
L20	89	((measur\$ or calculat\$ or comput\$ or determin\$ or estimat\$) near5 intelligib\$) and @ad<"20011113" and threshold	USPAT	OR	OFF	2006/03/14 14:54
L21	295	"704"/\$.ccls. and (intelligib\$) and @ad<"20011113" and threshold	USPAT	OR	OFF	2006/03/14 14:54
L22	116	"704"/\$.ccls. and (intelligib\$) and @ad<"20011113" and threshold and (snr or signal-to-noise or (signal adj2 noise))	USPAT	OR	OFF	2006/03/14 14:55
S1	3	((speech or voice) near3 recogni\$) and (train\$3 near5 (phonebook or (phone near book))) and @ad<"20011113"	USPAT	OR	OFF	2006/03/14 11:10
S2	0	((speech or voice) near3 recogni\$) and (train\$3 near5 (phonebook or (phone near book))) and @ad<"20011113" and snr	USPAT	OR	OFF	2006/03/14 11:11
S3	1	((speech or voice) near3 recogni\$) and (train\$3 near5 dial\$3) and @ad<"20011113" and snr	USPAT	OR	OFF	2006/03/14 11:11